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PATENT
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Vincent P. Stanton	Art Unit:	1634
Serial No.:	10/040,721	Examiner:	Arun K. Chakrabarti
Filed:	January 7, 2002	Customer No.:	21559
Title:	PROBES FOR VARIANCE DETECTION		

Commissioner For Patents
Washington, DC 20231

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REPLY TO OFFICE ACTION

In reply to the Office Action mailed in the above-captioned case on August 7, 2002, applicant submits the following amendments and remarks.

Kindly amend the application as follows.

In the claims:

Cancel claims 48 and 51, without prejudice, and replace claim 22 with the following amended claim that has been re-written in clean form.

22. (Amended) A method for analyzing a test nucleic acid sample to determine whether it contains a sequence variance, said method comprising the steps of:

(a) obtaining a nucleic acid probe that is derived from a hemizygous cell and that is